

Tender Document

For

**High-end workstation and Perpetual License
of CST Studio Suite™**

At

School of Physics,

Devi Ahilya University Khandwa Road, Indore

Ph. 0731-2467028

www.dauniv.ac.in

(Tender No. DAVV/SOP/MP/2024-25/01)

E-Tender Notice

Online tenders are invited under two bid system (Technical and Financial) for High-end workstation and Perpetual License of CST Studio Suite™ at **School of Physics, Devi Ahilya Vishwavidyalaya, Indore**. The tender document may be downloaded on online payment of Rs. 1000/- (Rs. One Thousand only) at <https://www.mptenders.gov.in> (main portal)

The formats of Technical and financial bid, declaration, check list and terms & conditions are given in Annexure I, II, III, IV & V respectively and the same are available at <https://www.mptenders.gov.in> (main portal) and can be seen at DAVV web site www.dauniv.ac.in

Sl. No.	Particulars	Description
1.	Name	1) High-end workstation 2) Perpetual License of CST Studio Suite™
2.	Uploading/Publication of Tender Document	11 th October 2024 by 1500 hrs.
3.	Downloading of Tender Document through website www.mptenders.gov.in	11 th October 2024 by 1500 hrs.
4.	Last date of bid submission	2 nd November 2024 by 1500 hrs.
5.	Technical bid opening	4 th November 2024 by 1500 hrs.
6.	Financial Bid Opening	Date will be notified on University website www.dauniv.ac.in
7.	Bid Security/Earnest Money Deposit (EMD)	1) For High-end workstation: ~ Rs. 50,000.00/- (Rs. Fifty Thousand Only). 2) For Perpetual License of CST Studio Suite™: ~Rs. 30,000.00/- (Rs. Thirty Thousand Only). EMD 3% of tender value to be paid online through www.mptenders.gov.in portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e-transaction details.
8.	Tender Fee	INR Rs. 1000/- (Rupees One Thousand only) (non-refundable) + GST to be paid through www.mptenders.gov.in portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e- transaction details.

The online Technical Bid will be opened by the committee constituted for this purpose in presence of the tenders or authorized representatives interested to be present on prescribed date. The financial bids of technically qualified tenders will only be opened after technical evaluation by the technical committee. The tenders should bring ID proofs and representatives should bring the authorization letter from their authorized signatory for attending the process of tender opening.

1. The online technical bid will be opened in School of Physics, Takshila Campus, D.A.V.V., R.N.T. Marg, Indore. If any bid is found delayed in submission after due date such bid will be rejected by the University.

NOTE: Any Amendment in Tender, Notification etc. will not be published in Newspaper, and it will be only be uploaded at DAVV's website www.dauniv.ac.in

Registrar, DAVV

[Covering Letter]

To:
The Registrar
DAVV, Indore.

Dear Sir,

We, the undersigned, have examined the Tender Document, hereby offer to supply **High-end workstation and/or Perpetual License of CST Studio Suite™**. We are hereby submitting our proposal, which includes Pre- Qualification Information, Technical proposal and Commercial proposal. We have enclosed the Earnest Money Deposit in the form of online deposit, as mentioned in the tender document.

All the rates quoted in our proposal are in accordance with the terms as specified in tender documents. All the prices and other terms and conditions of this proposal are valid for a period of 90 calendar days from the last date of submission of tender.

We do hereby confirm that our prices include all taxes including GST or other tax. We have studied the clauses relating to Indian Taxes and hereby declare that if any Tax, Surcharge on Tax and any other Corporate Tax altered under the law, we shall pay the same.

We declare that our quoted product meets all technical specifications and other tender conditions. We further declare that the rates stated in our proposal are in accordance with your terms and conditions in the tender document.

We understand that you are not bound to accept any/ all Proposal(s) you receive.

Yours sincerely,

Signature with seal

Name and Designation of Authorized Signatory

Date & Place

Ref: DAVV/SOP/MP/2024-25/01

Online Technical Bid A

General Information

S. No.	Particulars	Details
1.	Name and Address of the Tenderer/Bidder	
2.	Year of establishment	
3.	Contacts	
	Office Telephones	
	Mobile No.	
	e-mail address	
4.	Category of tender (whether company, partnership firm or proprietary concern)	
5.	Name of the Chief Executive and Telephone No	
6.	GST Registration Nos.	
7.	Income Tax PAN / GIR No	
8.	Service Centre/s Address, Telephone Numbers and Contact Person Details	

Signature with seal:

Name and Designation of Authorized Signatory

Date & Place:

II. Eligibility criteria for Pre-Qualification Information Sheet

S. No.	Particulars	Details
1.	Annual Turnover for the Last 3 Assessment Years (also attach proof):	
		2021-2022
		2022-2023
		2023-2024
2	Details of order(s) executed Also attach proof.	
3	Amount to be paid.	UTR and details
	A. Tender form Fees Rs. 1000/- (Rs. One Thousand only), (non-refundable) to be paid online through www.mptenders.gov.in portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e transaction details	
	B. EMD Amount (3% of tender value) 1) For High-end workstation: ~Rs. 50,000.00/- (Rs. Fifty Thousand Only. 2) For Perpetual License of CST Studio Suite™: ~Rs. 30,000.00/- (Rs. Thirty Thousand Only. is to be paid online through www.mptenders.gov.in portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e-transaction details	UTR and details

IIa Additional Bidders Qualification Criteria for high-end workstation

- 1) Only OEM or OEM authorized vendors are allowed to participate in this bid. In case of OEM authorized vendors, OEM authorization letter for this bid must be submitted by the vendor, failing this will result in bid rejection. The letter must also mention that all support and services will be ensured by OEM for successful and effective execution of software and hardware operations for at least 03 years from the placement of the date of successful installation of workstation in DAVV.
- 2) **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking in to this effect with the bid.
- 3) **Turnover Criteria:** Company Turnover should be Minimum Rs. 50 lakhs per annum for last 3 years. The Company turnover should include the sale of workstations/computers and/or IT equipments only. Necessary documentary proof should be uploaded.

- 4) The bidder should have minimum of 5 years of experience of sale/supply of workstations/desktop computers and/or IT equipment of similar value. A table to be prepared having columns as Purchaser's Name and Address, order number and date, ordered quantity, order value. The supporting documents to be uploaded along with the bid. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - (i) Order Execution completion certificate by client with order value.
 - (ii) Any other document in support of order execution like Third Party Inspection release note, etc.
- 5) The track record of the bidder should be clean and should not have any involvement in illegal activities or financial misappropriation /frauds or should not be blacklisted by any organization etc. (submit declaration as per the format specified)

IIb. Acceptance Criteria for high-end workstation:

1. The material will be accepted only after testing the high-end workstation continuous operations for 5 days (24X5), without electrical shutdown, in Indian environmental conditions inside AC laboratory.
2. The high-end workstation will be accepted after physical verification of it and all the features as specified in the bid will be tested to full satisfaction for acceptance.
3. The unique support service tag numbers associated with the high-end workstation will be tested and verified by DAVV for escalation of support calls as per the call escalation matrix.
4. The bidder must demonstrate the facility to perform online checking and downloading of updates of associated software, device drivers, and firmware from OEMs website with the serial no/service tag/device id of the offered desktops.
5. The bidder must demonstrate the facility to perform online hardware diagnostics from OEMs website with the serial no/service tag/device id of the offered desktops.
6. OEM embossed logo will be verified on all the offered motherboards before acceptance.

IIc Other Certifications (if any) (enclose proof)

III Technical Specifications of Equipment are as under:

All hardware MUST be sourced from reputed brands, must be NEW and comply with Minimum technical specifications mentioned in online technical bid:

(To be quoted Online on prescribed proforma only)

To,
The Registrar,
Devi Ahilya Vishwavidyalaya,
Nalanda Campus, RNT Marg,
Indore.

Sub:- Quotation for High-end workstation and/or Perpetual License of CST Studio Suite™ at School of Physics, Devi Ahilya Vishwavidyalaya, Indore.

Sir,
This has reference to your call for submitting quotation for Quotation for **High-end workstation and/or Perpetual License of CST Studio Suite™ at School of Physics, Devi Ahilya Vishwavidyalaya, Indore**. I have read all the terms and the conditions as stipulated in the above. I have gone through all the terms and conditions mentioned in the tender document and already given my acceptance for it. I confirm that I fulfill the eligibility criteria as stipulated by you.

1) Detailed Technical Specifications of High-end workstation:

Processor	
Processor Make	Intel
Number of Cores per Processor	36 or above
Processor Base Frequency (GHz)	2.2 or above
Processor Turbo Frequency (GHz)	4.8 or above
Processor (For high-performance computing professionals, from 3D rendering to complex 3D CAD and engineering simulations)	Intel Xeon W Series
Number of sockets available on the motherboard	1 or more
Number of Sockets populated with the Processors	1
Cache (MB)	82.5 or more
Motherboard	
Chipset Number	Intel W790 or better
Expansion Slots (PCIe x 4) (Number)	2 or more
Expansion Slots (PCIe x 8) (Number)	1 or more
Expansion Slots (PCIe x 16) (Number)	4 or more

Graphics	
Graphics Type	Dedicated/Discrete
Number of Graphic Cards	1
Graphic Card Description	NVIDIA RTX A4500 20GB or above
Operating System	
Operating System (Factory Pre-Loaded)	Windows 11 Professional
OS Certification	Windows
Memory	
RAM Type	DDR5 or above
RAM Speed	4800 MHz or above
Type of Memory	Error correcting code (ECC)
RAM Size (GB)	256 or above
Total Numbers of DIMM Slots Available	16 or above
Number of DIMM Slots Populated	8 or above
RAM Expandability upto using spare DIMM Slots (GB)	2048 or above
Primary Storage /Boot Drive	
Type of Drives used to populate the internal Bays	PCIe
Number of Drives	1 or more
Capacity of each Drive (GB)	1024
Secondary Storage	
Type of Drives used to populate the Internal Bays	PCIe

Total number of Internal Bays available for SATA Drive	4 or more
Total number of Internal Bays available for PCIe SSD	2 or more
Number of Internal Bays populated with PCIe Drive	2
Capacity of each PCIe Drive (GB)	1024
Total PCIe Drive Capacity (GB)	2048
Class of PCIe Drives	At least Class 40
RAID	
RAID level	0,1,5
Number of RAID Controller Ports	6 or more
Speed of RAID Controller Ports (Gbps)	6 or more
Connectivity	
Type of Ethernet Ports	Dual Gigabit NIC 10/100/1000
Number of Ethernet Ports	At least 2
Ports	
Number of USB Version 3.0 / 3.1, Gen 1/3.1, Gen 2 Ports/	At least 10
Number of DP Ports	At least 4
Display	
Display	IPS panel flat Monitor
Display Size (cm)	68 or more
Display Resolution (Pixels)	1920x1080 or higher
Color Gamut	72% Color Gamut
Monitor Stand	Standard

Input Devices	
Mouse Connectivity and optical Scroll mouse	Mouse included
Keyboard Connectivity and Standard keyboard	Keyboard included
Generic	
Optical Drive	DVD R/W
Number of External Bays	At least 2
Type of Bundled Software	Standard Performance Improvement Software
Certification	
<ol style="list-style-type: none"> 1. BIS Registration under CRS of Meity (Requisite certificate may be furnished as and when demanded by the buyer) 2. BIS registration number and its validity. 3. ROHS Compliance 4. CE/FCC for EMC & immunity WEEE for waste management certificates. 5. Any other relevant Indian Certificates to ensure the quality of the offered product 	
Support	
<p>Device Driver software for the offered hardware should be available for download from OEM site for at least 03 years from the date of the purchase order.</p> <p>OEM must have the facility to check the configuration of the workstation online using the serial no/service tag/device id and should be able to download updates of software, device drivers, and firmware on its website/Support site</p>	
Warranty	
On Site OEM Warranty (Year)	3

Note: One High – End workstation is to be procured.

2)Detailed Technical Specifications of Perpetual License of CST Studio Suite™:

The CST STUDIO SUITE™ must have the following packages:

1. CST Microwave Studio (CST MWS)
 2. CST EM Studio (CST EMS)
 3. CST particle Studio (CST PS)
 4. CST cable Studio (CST CS)
 5. CST PCB Studio (CST PCBS)
 6. CST thermal Studio (CST TS)
 7. CST mechanical Studio (CST MS)
 8. CST design Studio (CST DS)
 9. 3D Import Token(to import complex 3D CAD models)
 10. EDA Import Token(to import electronic design automation data)
 11. Filter Designer 3D
 12. FEST3D
 13. SPARK3D
 14. Antenna Magus
 15. Opera 2D/3D
 16. Chip Interface
- Five user License with License ID
 - License type : LAN
 - Usage type: Research at University
 - Packaging: New
 - Window Edition

(To be quoted Online on prescribed proforma only)

To,
The Registrar,
Devi Ahilya Vishwavidyalaya,
Nalanda Campus, RNT Marg,
Indore.

Sub: – Quotation for High-end workstation and/or Perpetual License of CST Studio Suite™ at School of Physics, Devi Ahilya Vishwavidyalaya, Indore.

Sir,

This has reference to your call for submitting quotation **for High-end workstation and/or Perpetual License of CST Studio Suite™ at School of Physics, Devi Ahilya Vishwavidyalaya, Indore.** I have read all the terms and the conditions as stipulated in the above. I have gone through all the terms and conditions mentioned in the tender document and already given my acceptance for it. I confirm that I fulfill the eligibility criteria as stipulated by you.

I offer my rate in INR as under:

S. No.	Description	Qty.	Amount	Tax (Rs.)	Total Amount(Rs.)
1)	High-end workstation Processor Intel Xeon W Series, Number of Cores per Processor-36, Processor Base Frequency 2.2GHz, Turbo Frequency 4.8 GHz Number of sockets on the motherboard -1 Number of Sockets populated with the Processors -1 Cache82.5 MB Motherboard Chipset Intel W790, Expansion Slots (PCIe x 4) 2nos, (PCIe x 8) 1nos, (PCIe x 16) 4 nos. Graphics NVIDIA RTX A4500 20GB or above Windows 11 Professional, OS Certification Windows Memory RAM Type DDR5, RAM Speed 4.8 GHz, Type of Memory – ECC, RAM Size 256 GB, DIMM Slots Available – 16, DIMM Slots Populated – 8, RAM Expandability upto using spare DIMM Slots 2048 GB Primary Storage /Boot Drive Type of Drives used to populate the internal Bays, PCIe Number of Drives- 1, Capacity of each Drive 1024 GB Secondary Storage Type of Drives used to populate the Internal Bays, PCIe, Total number of Internal Bays available for SATA Drive - 4,	1			

<p>Total number of Internal Bays available for PCIe SSD – 2, Number of Internal Bays populated with PCIe Drive -2, Capacity of each PCIe Drive 1024 GB. Total PCIe Drive Capacity 2048 GB, Class 40 PCIe Drives</p> <p>RAID RAID level 0,1,5, Number of RAID Controller Ports- 6, Speed of RAID Controller Ports 6 Gbps</p> <p>Connectivity Dual Gigabit NIC 10/100/1000 Number of Ethernet Ports-2,</p> <p>Ports Number of USB Version 3.0 / 3.1, Gen 1/3.1, Gen 2 Ports - 10, Number of DP Ports-4</p> <p>Display IPS panel flat Monitor, Display Size 68 cm, Display Resolution 1920x1080 or higher, Color Gamut- 72% Color Gamut Monitor Stand -Standard</p> <p>Input Devices Mouse Connectivity and optical Scroll mouse with Mouse included. Keyboard Connectivity and Standard keyboard with Keyboard included</p> <p>Generic Optical Drive - DVD R/W Number of External Bays-2</p> <p>Standard Performance Improvement Software Bundled</p> <p>Certification BIS Registration (Requisite certificate may be furnished as and when demanded by the buyer), BIS registration number and its validity,ROHS Compliance,CE/FCC for EMC & immunity WEEE for waste management certificates, and other relevant Indian Certificates.</p> <p>Warranty On Site OEM Warranty – 3 years Support Device Driver software for the offered hardware should be available for download from OEM site for at least 03 years from the date of the purchase order. OEM has the facility to check the configuration of the workstation online using the serial no/service tag/device id and is able to download updates of software, device drivers, and firmware on its website/Support site.</p>				
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2)	<p>Perpetual License of CST Studio Suite™</p> <p>The CST STUDIO SUITE™ having the packages, CST Microwave Studio (CST MWS), CST EM Studio (CST EMS), CST particle Studio (CST PS), CST cable Studio (CST CS), CST PCB Studio (CST PCBS), CST thermal Studio (CST TS), CST mechanical Studio (CST MS), CST design Studio (CST DS), 3D Import Token (to import complex 3D CAD models), EDA Import Token (to import electronic design automation data), Filter Designer 3D, FEST3D, SPARK3D, Antenna Magus Opera 2D/3D, and Chip Interface.</p> <ul style="list-style-type: none"> • Five user License with License ID • License type : LAN • Usage type: Research at University • Packaging: New • Window Edition 				
Grand Total (In Figures and Words)					

Signature of authorized signature:

Name and Designation of Authorized

Signatory Seal :

Date & Place:

Ref: DAVV/SOP/MP/2024-25/01

DECLARATION
(On letter head)

I/We..... do hereby declare that our company/firm is not black listed by Government of India/ any state Govt./ public sector undertaking/University and not involved in any litigation which threatens solvency of the company/firm during last five years.

I/We further undertake that if above declaration proves to be wrong/incorrect or misleading our tender/contract stands to be cancelled/terminated.

I/We solemnly declare that I/we have attached all the documents mentioned here above and mentioned in the tender.

I/We also understand that non-compliance of any documents will be treated as no- respective tender and we will lose our claim to participate in the tender enquiry automatically and our tender will be liable for rejection.

Signature of Authorized

Person : Name and

Designation:

Seal

Date:

Place:

Annexure-IV

Ref: DAVV/SOP/MP/2024-25/01

CHECK LIST FOR BIDDER TO BE SUBMITTED ALONG WITH TENDER

Mention Yes/No with the Details required:

1.	Tender Document	
2.	E.M.D. (To be paid online through www.mptenders.gov.in portal in favor of Registrar, Devi Ahilya Vishwavidyalaya, Indore. Bidder is required to upload the scanned copy of e-transaction details.)	
3.	Technical Bid (online mode)	
	I. Covering Letter	
	II General Information	
	III. Eligibility Criteria for Pre-qualification	
	IV. Technical Bid details	
	V. All supporting documents required in above.	
	VI. Non- blacklisted declaration mentioned in Annexure III	
4.	All documentary evidences dully attested in offline mode and scanned copy (.pdf) in online mode.	
5.	Documents other than mentioned in technical bid (if any)	

Signature of Authorized
Person: Name and
Designation :

Seal

Date:
Place:

Tender No. DAVV/SOP/MP/2024-25/01

**Devi Ahilya Vishwavidyalaya, Indore
School of Physics**

TERMS & CONDITIONS

1. Rates quoted should be inclusive of all taxes and other charges for delivery and installation F.O.R. Laser Bhawan, School of Physics, Devi Ahilya University, Indore. Mode of payment shall be after receipt of goods.
2. Bidders are requested to read specifications carefully and submit quotations as per the specifications given.
3. All the pages of quotation must have seal and name & signature of the authorized person.
4. The complete detailed specifications along with accessories, if any, be clearly mentioned in the quotation giving the guarantee/ warranty period. Facilities for service should also be indicated.
 - a. Detailed technical information, Brochures, leaflets, and drawings whichever is applicable must be furnished along with tender(s).
5. The bidder should enclose the certificate of authorization for dealership, sole manufacturer or propriety item.
6. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards.
7. No claim for any tax or duty, not stipulated in the tender will be admitted at any stage.
8. Bidder will furnish the list of addresses (if any), where similar equipment/software has been supplied or work has been carried out in the past.
9. The Bidder should submit the following documents along with the quotation:
 - a. Profile giving complete details about the firm, including period for which it is in the similar business, duly signed by an authorized person(s). Also fill general information in the format specified.
 - b. Documentary evidence in the form of certified Audited Balance Sheets of last three years shall be uploaded with the bid.
 - c. CA certificate giving Company Turnover details of last five years.
10. University reserves the right to invite on its own the bids directly from Internationally recognized top listed companies or manufacturers and select the reputed brands as suggested by its technical committee/experts.
11. We do not intend to call Bidders for financial negotiations. Bidder should, therefore, quote their lowest possible rates (Clearly mentioning the discount for educational institute, if any). However, technical discussion may be held, if felt necessary by the technical committee.
12. Tender may be accepted in part or in full or may summarily be rejected without assigning any reason.
13. Delivery period must be mentioned against each item. After the order has been placed the goods must be delivered within the stipulated period.
14. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied, cost should be included in bid price.
15. Unless otherwise stipulated the tender should be valid for at least 90 days from the due date of opening of the tender.
16. All disputes shall be subject to Indore Jurisdiction.
17. Without EMD, the tender shall be considered as invalid.
18. Bidders will submit the EMD with Payment online via www.mptenders.gov.in portal in Beneficiary

name Registrar, DAVV. Bidder to transaction details. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

19. The EMD shall stand forfeited if the successful bidder, who's bid is accepted, fails or refuses to furnish the security deposit amount(3% of the of the value of awarded contract in the form of Bank draft/Bank Guarantee of any Scheduled banks in India) within a fortnight from the date of acceptance of his offer, fails or refuses to execute the contract. No interest would be payable for any period on EMD. The amount of EMD will be refunded only after finalization of bids. The EMD in case of successful bidder may be adjusted against security deposit. It will be refunded only after the receipt of the Prescribed Security Deposit.
20. Tender received after due date will not be considered.
21. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any, proof of EMD.
22. Bidder to provide call escalation matrix provided by OEM for service support.
23. Bidders may be asked to give the demonstration of the quoted machine in DAVV campus, if needed.
24. The DAVV has full right to accept or reject any bid, without assigning any reason.
25. Any revisions, corrigendum to the tender will be posted on the DAVV website only and will not be published in any other media.
26. The work duration which also includes delivery of items should be completed within 60 days.

The bidder is requested to read all terms and conditions carefully before submitting the tender. Clarification (if any) may be sought out during office hours from School of Physics, Devi Ahilya Vishwavidyalaya, Khandwa Road, Indore before submitting the tender.

Eligibility Criteria :

1. Bidder must have an annual average turnover of more than a) Rs. 50,00,000 for high-end workstation, and b) Rs. 30,00,000 for CST STUDIO SUITE™ for last three financial year. If both items are quoted, the bidder's annual average turnover should be Rs. 80 lakhs or above. Attach proof.

**Registrar
DAVV**